



# DIRECTIONAL COUPLERS

## Model: CSG330050DC-30

**CSG33050DC-XX** series, Directional Couplers are strip line design for use in Indoor Signal coverage of UHF / TETRA applications in 300 - 500 MHz, These units couple off a defined fraction say 6, 10, 15, 20,30 dB of mainline signal with minimal reflections or loss. These couplers are ideally suited for in-building passive Distributed Antenna Systems DAS, and leaky cable systems for UHF wireless services

PARAMETER	SPECIFICATIONS
Frequency Band	300 ~ 500 MHz
Coupling Level	30 dB
Insertion Loss	$\leq 0.2$ dB
Isolation	$\geq 30$ dB
VSWR	$\leq 1.40 : 1$
Impedance	50 $\Omega$
Power Capacity	50 Watt
Connector	N(F)
Dimension (Apporx.)	165 x 55 x 20 mm (with Connector)
Weight (Apporx.)	250 gms
Relative Humidity	5 - 95%
Operating Temperature	-40 $^{\circ}$ C ~ + 60 $^{\circ}$ C

